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WHAT IS CLAIMED IS:

 A method for executing foreign code on a host system, said host
system having a storage means for storing foreign code and a database of translated binary
code, said method comprising the steps of:

identifying a sequence of foreign code;

determining if said sequence of foreign code has corresponding translated binary code stored in said database;

if said determining step identifies corresponding translated binary code, transferring said corresponding translated binary code from said database to memory associated with said computer system;

if said determining step does not identify corresponding translated binary code, translating said foreign code to obtain a corresponding sequence of translated binary code in said memory.

- The method of claim 1 further comprising the step of saving said sequence of corresponding translated binary code to said database.
- The method of claim 2 further comprising the step of saving a hash value associated with said sequence of corresponding translated binary code.
- The method of claim 3 further comprising the step of saving a portion of said foreign code.
- 5. The method of claim 3 further comprising the step of saving loader information
- 1 6. The method of claim 2 further comprising the step of saving an 2 identifying value associated with said sequence of corresponding translated binary code.
- 1 7. The method of claim 6 wherein said saving step comprises the step of saving a disk sector value.
- 8. The method of claim 1 wherein said identifying as step further
 comprises the steps of:
- transferring a sequence of foreign code from a disk drive sector;

 using the value of said disk drive sector as an index to said database; and

where said database is stored on second disk drive.

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In a computer system having a first architecture and adapted to execute

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a hashing function to generate said index.

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means for recovering a storage location of said foreign code to generate said index.

The system of claim 18 wherein said invoking means further comprises

The system of claim 18 wherein said invoking means further comprises

- 21. The system of claim 20 further comprising a disk drive for storing said
 foreign code in at least one sector of said disk drive.
- 22. The system of claim 16 further comprising a disk drive for storing said
 foreign code in at least one sector of said disk drive.
- 1 23. The system of claim 16 further comprising a disk drive for storing said comparison of comparis